

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

ATTORNEY DOCKET NUMBER: 200305083-2

IN RE APPLICATION OF: U.S. Patent No. 7,197,665

USPTO CONFIRMATION CODE: 3696

APPLICATION NO.: 10/700,140

FILED: Nov. 03, 2003

EXAMINER: Scott Baderman

GROUP ART UNIT: 2114

FOR: PHYSICAL INCREMENTAL BACKUP USING SNAPSHOTS

37 CFR 1.322 & 37 CFR 1.323 REQUEST FOR CERTIFICATE OF CORRECTION

HONORABLE COMMISSIONER OF PATENTS & TRADEMARKS

Sir:

The following is a request for a certificate of correction in Serial Number 10/700,140, now Patent Number 7,197,665.

A certificate of correction under 35 USC 254 is respectfully requested in the above-identified patent.

☒ All errors were the fault of the USPTO, no fee required. In the event that a further fee is required, please charge the amount to Deposit Account No. 082025.

☐ All errors were the fault of the applicant and, accordingly, please charge **\$100.00** to our Deposit Account No. 082025. In the event that a further fee is required, please charge the amount to the same Deposit Account.

☐ The errors were the fault of both the applicant and USPTO and, accordingly, please charge **\$100.00** to our Deposit Account No. 082025. In the event that a further fee is required, please charge the amount to the same Deposit Account.

The exact locations where the errors appear in the patent and patent application are as follows:

In column 2, line 40, after "at" delete "is".
(Specification filed on Nov. 03, 2003, page 3, line 14)

In column 3, line 58, after "as" delete "is".
(Specification filed on Nov. 03, 2003, page 5, line 14)

In column 5, line 44, after "state" delete "is".
(Specification filed on Nov. 03, 2003, page 8, line 14)

In column 8, line 5, after "using the" delete "is".
(Specification filed on Nov. 03, 2003, page 12, line 14)

In column 10, line 18, in Claim 1, delete "S1" and insert - - S_1 - -, therefor.
(Examiner's amendment dated Jan. 08, 2007, page 2, in Claim 42, line 2)

In column 10, line 19, in Claim 1, delete "t1" and insert - - t_1 - -, therefor.
(Examiner's amendment dated Jan. 08, 2007, page 2, in Claim 42, line 2)

In column 10, line 20, in Claim 1, delete "S2" and insert - - S_2 - -, therefor.
(Examiner's amendment dated Jan. 08, 2007, page 2, in Claim 42, line 3)

In column 10, line 21, in Claim 1, delete " $t_2 > t_1$ " and insert - - $t_2 > t_1$ - -, therefor.
(Examiner's amendment dated Jan. 08, 2007, page 2, in Claim 42, line 3)

In column 10, line 22, in Claim 1, delete "S21" and insert - - S_{21} - -, therefor.
(Examiner's amendment dated Jan. 08, 2007, page 2, in Claim 42, line 4)

In column 10, line 23, in Claim 1, delete "S1" and insert - - S_1 - -, therefor.
(Examiner's amendment dated Jan. 08, 2007, page 2, in Claim 42, line 5)

In column 10, line 24, in Claim 1, delete "S2" and insert - - S_2 - -, therefor.
(Examiner's amendment dated Jan. 08, 2007, page 2, in Claim 42, line 6)

In column 10, line 25, in Claim 1, delete "B21" and insert - - B_{21} - -, therefor.
(Examiner's amendment dated Jan. 08, 2007, page 2, in Claim 42, line 6)

In column 10, line 26, in Claim 1, delete "S1" and insert - - S_1 - -, therefor.
(Examiner's amendment dated Jan. 08, 2007, page 2, in Claim 42, line 7)

In column 10, line 27, in Claim 1, delete "S21" and insert - - S_{21} - -, therefor.
(Examiner's amendment dated Jan. 08, 2007, page 2, in Claim 42, line 7)

In column 10, line 27, in Claim 1, delete "B21" and insert - - B_{21} - -, therefor.
(Examiner's amendment dated Jan. 08, 2007, page 2, in Claim 42, line 8)

In column 10, line 29, in Claim 1, delete "S21" and insert - - S_{21} - -, therefor.
(Examiner's amendment dated Jan. 08, 2007, page 2, in Claim 42, line 9)

In column 10, line 29, in Claim 1, delete "B21" and insert - - B_{21} - -, therefor.
(Examiner's amendment dated Jan. 08, 2007, page 2, in Claim 42, line 9)

In column 10, line 30, in Claim 1, delete "S21" and insert - - S_{21} - -, therefor.
(Examiner's amendment dated Jan. 08, 2007, page 2, in Claim 42, line 10)

In column 10, line 31, in Claim 1, delete "S1" and insert - - S_1 - -, therefor.
(Examiner's amendment dated Jan. 08, 2007, page 2, in Claim 42, line 10)

In column 10, line 32, in Claim 1, delete "S3" and insert - - S_3 - -, therefor.
(Examiner's amendment dated Jan. 08, 2007, page 2, in Claim 42, line 11)

In column 10, line 33, in Claim 1, delete " $t_3 > t_2$ " and insert - - $t_3 > t_2$ - -, therefor.
(Examiner's amendment dated Jan. 08, 2007, page 2, in Claim 42, lines 11-12)

In column 10, line 34, in Claim 1, delete "S32" and insert - - S_{32} - -, therefor.
(Examiner's amendment dated Jan. 08, 2007, page 2, in Claim 42, line 12)

In column 10, line 35, in Claim 1, delete "S2" and insert - - S_2 - -, therefor.
(Examiner's amendment dated Jan. 08, 2007, page 2, in Claim 42, line 13)

In column 10, line 36, in Claim 1, delete "S3" and insert - - S_3 - -, therefor.
(Examiner's amendment dated Jan. 08, 2007, page 2, in Claim 42, line 14)

In column 10, line 37, in Claim 1, delete "B32" and insert - - B_{32} - -, therefor.
(Examiner's amendment dated Jan. 08, 2007, page 2, in Claim 42, line 14)

In column 10, line 38, in Claim 1, delete "S2" and insert - - S_2 - -, therefor.
(Examiner's amendment dated Jan. 08, 2007, page 2, in Claim 42, line 15)

In column 10, line 39, in Claim 1, delete "S32" and insert - - S_{32} - -, therefor.
(Examiner's amendment dated Jan. 08, 2007, page 3, in Claim 42, line 1)

In column 10, line 40, in Claim 1, delete "B32" and insert - - B_{32} - -, therefor.
(Examiner's amendment dated Jan. 08, 2007, page 3, in Claim 42, line 1)

In column 10, line 41, in Claim 1, delete "S32" and insert - - S_{32} - -, therefor.
(Examiner's amendment dated Jan. 08, 2007, page 3, in Claim 42, line 2)

In column 11, line 8, in Claim 7, delete "S0" and insert - - S_0 - -, therefor.
(Examiner's amendment dated Jan. 08, 2007, page 3, in Claim 49, line 2)

In column 11, line 9, in Claim 7, delete " t_0 " and insert - - t_0 - -, therefor.
(Examiner's amendment dated Jan. 08, 2007, page 3, in Claim 49, line 2)

In column 11, line 9, in Claim 7, delete "S1" and insert - - S_1 - -, therefor.
(Examiner's amendment dated Jan. 08, 2007, page 3, in Claim 49, line 2)

In column 11, line 10, in Claim 7, delete " $t_1 > t_0$ " and insert - - $t_1 > t_0$ - -, therefor.
(Examiner's amendment dated Jan. 08, 2007, page 3, in Claim 49, line 3)

In column 11, line 11, in Claim 7, delete "S2" and insert - - S_2 - -, therefor.
(Examiner's amendment dated Jan. 08, 2007, page 3, in Claim 49, line 4)

In column 11, line 12, in Claim 7, delete " $t_2 > t_1$ " and insert - - $t_2 > t_1$ - -, therefor.
(Examiner's amendment dated Jan. 08, 2007, page 3, in Claim 49, line 4)

In column 11, line 13, in Claim 7, delete "S01" and insert - - S_{01} - -, therefor.
(Examiner's amendment dated Jan. 08, 2007, page 3, in Claim 49, line 5)

In column 11, line 14, in Claim 7, delete "S1" and insert - - S_1 - -, therefor.
(Examiner's amendment dated Jan. 08, 2007, page 3, in Claim 49, line 6)

In column 11, line 15, in Claim 7, delete "S0" and insert - - S_0 - -, therefor.
(Examiner's amendment dated Jan. 08, 2007, page 3, in Claim 49, line 6)

In column 11, line 16, in Claim 7, delete "S21" and insert - - S_{21} - -, therefor.
(Examiner's amendment dated Jan. 08, 2007, page 3, in Claim 49, line 7)

In column 11, line 18, in Claim 7, delete "S1" and insert - - S_1 - -, therefor.
(Examiner's amendment dated Jan. 08, 2007, page 3, in Claim 49, line 8)

In column 11, line 19, in Claim 7, delete "S2" and insert - - S_2 - -, therefor.
(Examiner's amendment dated Jan. 08, 2007, page 3, in Claim 49, line 9)

In column 11, line 19, in Claim 7, delete "C012" and insert - - C_{012} - -, therefor.
(Examiner's amendment dated Jan. 08, 2007, page 3, in Claim 49, line 9)

In column 11, line 20, in Claim 7, delete "S1" and insert - - S_1 - -, therefor.
(Examiner's amendment dated Jan. 08, 2007, page 3, in Claim 49, line 10)

In column 11, line 21, in Claim 7, delete "S01" and insert - - S_{01} - -, therefor.
(Examiner's amendment dated Jan. 08, 2007, page 3, in Claim 49, line 10)

In column 11, line 22, in Claim 7, delete "S1" and insert - - S_1 - -, therefor.
(Examiner's amendment dated Jan. 08, 2007, page 3, in Claim 49, line 11)

In column 11, line 23, in Claim 7, delete "S21" and insert - - S_{21} - -, therefor.
(Examiner's amendment dated Jan. 08, 2007, page 3, in Claim 49, line 12)

In column 11, line 24, in Claim 7, delete "S01" and insert - - S_{01} - -, therefor.
(Examiner's amendment dated Jan. 08, 2007, page 3, in Claim 49, line 12)

In column 11, line 25, in Claim 7, delete "S21" and insert - - S_{21} - -, therefor.
(Examiner's amendment dated Jan. 08, 2007, page 3, in Claim 49, line 13)

In column 11, line 26, in Claim 7, delete "C012" and insert - - C_{012} - -, therefor.
(Examiner's amendment dated Jan. 08, 2007, page 3, in Claim 49, line 14)

In column 11, line 27, in Claim 7, delete "S2" and insert - - S_2 - -, therefor.
(Examiner's amendment dated Jan. 08, 2007, page 3, in Claim 49, line 14)

In column 11, line 27, in Claim 7, delete "C012" and insert - - C_{012} - -, therefor.
(Examiner's amendment dated Jan. 08, 2007, page 3, in Claim 49, line 14)

In column 11, line 28, in Claim 7, delete "S1" and insert - - S_1 - -, therefor.
(Examiner's amendment dated Jan. 08, 2007, page 3, in Claim 49, line 15)

In column 11, line 29, in Claim 7, delete "S3" and insert - - S_3 - -, therefor.
(Examiner's amendment dated Jan. 08, 2007, page 3, in Claim 49, line 16)

In column 11, line 30, in Claim 7, delete " $t_3 > t_2$ " and insert - - $t_3 > t_2$ - -, therefor.
(Examiner's amendment dated Jan. 08, 2007, page 3, in Claim 49, line 16)

In column 11, line 31, in Claim 7, delete "S12" and insert - - S_{12} - -, therefor.
(Examiner's amendment dated Jan. 08, 2007, page 3, in Claim 49, line 17)

In column 11, line 32, in Claim 7, delete "S2" and insert - - S_2 - -, therefor.
(Examiner's amendment dated Jan. 08, 2007, page 3, in Claim 49, line 18)

In column 11, line 33, in Claim 7, delete "S1" and insert - - S_1 - -, therefor.
(Examiner's amendment dated Jan. 08, 2007, page 3, in Claim 49, line 18)

In column 11, line 34, in Claim 7, delete "S32" and insert - - S_{32} - -, therefor.
(Examiner's amendment dated Jan. 08, 2007, page 3, in Claim 49, line 19)

In column 11, line 35, in Claim 7, delete "S2" and insert - - S_2 - -, therefor.
(Examiner's amendment dated Jan. 08, 2007, page 4, in Claim 49, line 1)

In column 11, line 36, in Claim 7, delete "S3" and insert - - S_3 - -, therefor.
(Examiner's amendment dated Jan. 08, 2007, page 4, in Claim 49, line 2)

In column 11, line 37, in Claim 7, delete "C123" and insert - - C_{123} - -, therefor.
(Examiner's amendment dated Jan. 08, 2007, page 4, in Claim 49, line 2)

In column 11, line 38, in Claim 7, delete "S2" and insert - - S_2 - -, therefor.
(Examiner's amendment dated Jan. 08, 2007, page 4, in Claim 49, line 3)

In column 11, line 39, in Claim 7, delete "S12" and insert - - S_{12} - -, therefor.
(Examiner's amendment dated Jan. 08, 2007, page 4, in Claim 49, line 4)

In column 11, line 40, in Claim 7, delete "S2" and insert - - S_2 - -, therefor.
(Examiner's amendment dated Jan. 08, 2007, page 4, in Claim 49, line 4)

In column 11, line 41, in Claim 7, delete "S32" and insert - - S_{32} - -, therefor.
(Examiner's amendment dated Jan. 08, 2007, page 4, in Claim 49, line 5)

In column 11, line 42, in Claim 7, delete "S12" and insert - - S_{12} - -, therefor.
(Examiner's amendment dated Jan. 08, 2007, page 4, in Claim 49, line 6)

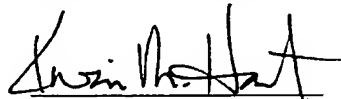
In column 11, line 43, in Claim 7, delete "S32" and insert - - S_{32} - -, therefor.
(Examiner's amendment dated Jan. 08, 2007, page 4, in Claim 49, line 7)

In column 11, line 44, in Claim 7, delete "C123" and insert - - C_{123} - -, therefor.
(Examiner's amendment dated Jan. 08, 2007, page 4, in Claim 49, line 7)

The requested corrections are attached on Form PTO 1050.

7/27/08
DATE

Respectfully Submitted



Name: Kevin M. Hart
Registration No.: 36,823

Attorney/Agent of Record

HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P.O. Box 272400
Fort Collins, Colorado 80527-2400

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 1 of 7

PATENT NO : 7,197,665
APPLICATION NO. : 10/700,140
ISSUE DATE : Mar. 27, 2007
INVENTOR(S) : Andrew C. Goldstein, et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 2, line 40, after "at" delete "is".

In column 3, line 58, after "as" delete "is".

In column 5, line 44, after "state" delete "is".

In column 8, line 5, after "using the" delete "is".

In column 10, line 18, in Claim 1, delete "S1" and insert - - S₁ - -, therefor.

In column 10, line 19, in Claim 1, delete "t1" and insert - - t₁ - -, therefor.

In column 10, line 20, in Claim 1, delete "S2" and insert - - S₂ - -, therefor.

In column 10, line 21, in Claim 1, delete "t2>t1" and insert - - t₂>t₁ - -, therefor.

In column 10, line 22, in Claim 1, delete "S21" and insert - - S₂₁ - -, therefor.

In column 10, line 23, in Claim 1, delete "S1" and insert - - S₁ - -, therefor.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P. O. Box 272400
Fort Collins, Colorado 80527-2400

This collection of information is required by 37 CFR 1.322, and 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patent, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**

Page 2 of 7

PATENT NO : 7,197,665
APPLICATION NO. : 10/700,140
ISSUE DATE : Mar. 27, 2007
INVENTOR(S) : Andrew C. Goldstein, et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 10, line 24, in Claim 1, delete "S2" and insert - - S₂ - -, therefor.
In column 10, line 25, in Claim 1, delete "B21" and insert - - B₂₁ - -, therefor.
In column 10, line 26, in Claim 1, delete "S1" and insert - - S₁ - -, therefor.
In column 10, line 27, in Claim 1, delete "S21" and insert - - S₂₁ - -, therefor.
In column 10, line 27, in Claim 1, delete "B21" and insert - - B₂₁ - -, therefor.
In column 10, line 29, in Claim 1, delete "S21" and insert - - S₂₁ - -, therefor.
In column 10, line 29, in Claim 1, delete "B21" and insert - - B₂₁ - -, therefor.
In column 10, line 30, in Claim 1, delete "S21" and insert - - S₂₁ - -, therefor.
In column 10, line 31, in Claim 1, delete "S1" and insert - - S₁ - -, therefor.
In column 10, line 32, in Claim 1, delete "S3" and insert - - S₃ - -, therefor.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P. O. Box 272400
Fort Collins, Colorado 80527-2400

This collection of information is required by 37 CFR 1.322, and 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patent, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 3 of 7

PATENT NO : 7,197,665
APPLICATION NO. : 10/700,140
ISSUE DATE : Mar. 27, 2007
INVENTOR(S) : Andrew C. Goldstein, et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 10, line 33, in Claim 1, delete "t3>t2" and insert - - t₃>t₂ - -, therefor.

In column 10, line 34, in Claim 1, delete "S32" and insert - - S₃₂ - -, therefor.

In column 10, line 35, in Claim 1, delete "S2" and insert - - S₂ - -, therefor.

In column 10, line 36, in Claim 1, delete "S3" and insert - - S₃ - -, therefor.

In column 10, line 37, in Claim 1, delete "B32" and insert - - B₃₂ - -, therefor.

In column 10, line 38, in Claim 1, delete "S2" and insert - - S₂ - -, therefor.

In column 10, line 39, in Claim 1, delete "S32" and insert - - S₃₂ - -, therefor.

In column 10, line 40, in Claim 1, delete "B32" and insert - - B₃₂ - -, therefor.

In column 10, line 41, in Claim 1, delete "S32" and insert - - S₃₂ - -, therefor.

In column 11, line 8, in Claim 7, delete "S0" and insert - - S₀ - -, therefor.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P. O. Box 272400
Fort Collins, Colorado 80527-2400

This collection of information is required by 37 CFR 1.322, and 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patent, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 4 of 7

PATENT NO : 7,197,665
APPLICATION NO. : 10/700,140
ISSUE DATE : Mar. 27, 2007
INVENTOR(S) : Andrew C. Goldstein, et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 11, line 9, in Claim 7, delete "t0" and insert - - t₀ - -, therefor.

In column 11, line 9, in Claim 7, delete "S1" and insert - - S₁ - -, therefor.

In column 11, line 10, in Claim 7, delete "t1>t0" and insert - - t₁>t₀ - -, therefor.

In column 11, line 11, in Claim 7, delete "S2" and insert - - S₂ - -, therefor.

In column 11, line 12, in Claim 7, delete "t2>t1" and insert - - t₂>t₁ - -, therefor.

In column 11, line 13, in Claim 7, delete "S01" and insert - - S₀₁ - -, therefor.

In column 11, line 14, in Claim 7, delete "S1" and insert - - S₁ - -, therefor.

In column 11, line 15, in Claim 7, delete "S0" and insert - - S₀ - -, therefor.

In column 11, line 16, in Claim 7, delete "S21" and insert - - S₂₁ - -, therefor.

In column 11, line 18, in Claim 7, delete "S1" and insert - - S₁ - -, therefor.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P. O. Box 272400
Fort Collins, Colorado 80527-2400

This collection of information is required by 37 CFR 1.322, and 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patent, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 5 of 7

PATENT NO : 7,197,665
APPLICATION NO. : 10/700,140
ISSUE DATE : Mar. 27, 2007
INVENTOR(S) : Andrew C. Goldstein, et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 11, line 19, in Claim 7, delete "S2" and insert - - S₂ - -, therefor.

In column 11, line 19, in Claim 7, delete "C012" and insert - - C₀₁₂ - -, therefor.

In column 11, line 20, in Claim 7, delete "S1" and insert - - S₁ - -, therefor.

In column 11, line 21, in Claim 7, delete "S01" and insert - - S₀₁ - -, therefor.

In column 11, line 22, in Claim 7, delete "S1" and insert - - S₁ - -, therefor.

In column 11, line 23, in Claim 7, delete "S21" and insert - - S₂₁ - -, therefor.

In column 11, line 24, in Claim 7, delete "Sol" and insert - - S₀₁ - -, therefor.

In column 11, line 25, in Claim 7, delete "S21" and insert - - S₂₁ - -, therefor.

In column 11, line 26, in Claim 7, delete "C012" and insert - - C₀₁₂ - -, therefor.

In column 11, line 27, in Claim 7, delete "S2" and insert - - S₂ - -, therefor.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P. O. Box 272400
Fort Collins, Colorado 80527-2400

This collection of information is required by 37 CFR 1.322, and 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patent, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**

Page 6 of 7

PATENT NO : 7,197,665
APPLICATION NO. : 10/700,140
ISSUE DATE : Mar. 27, 2007
INVENTOR(S) : Andrew C. Goldstein, et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 11, line 27, in Claim 7, delete "C012" and insert - - C₀₁₂ - -, therefor.

In column 11, line 28, in Claim 7, delete "S1" and insert - - S₁ - -, therefor.

In column 11, line 29, in Claim 7, delete "S3" and insert - - S₃ - -, therefor.

In column 11, line 30, in Claim 7, delete "t3>t2" and insert - - t₃>t₂ - -, therefor.

In column 11, line 31, in Claim 7, delete "S12" and insert - - S₁₂ - -, therefor.

In column 11, line 32, in Claim 7, delete "S2" and insert - - S₂ - -, therefor.

In column 11, line 33, in Claim 7, delete "S1" and insert - - S₁ - -, therefor.

In column 11, line 34, in Claim 7, delete "S32" and insert - - S₃₂ - -, therefor.

In column 11, line 35, in Claim 7, delete "S2" and insert - - S₂ - -, therefor.

In column 11, line 36, in Claim 7, delete "S3" and insert - - S₃ - -, therefor.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P. O. Box 272400
Fort Collins, Colorado 80527-2400

This collection of information is required by 37 CFR 1.322, and 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patent, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 7 of 7

PATENT NO : 7,197,665
APPLICATION NO. : 10/700,140
ISSUE DATE : Mar. 27, 2007
INVENTOR(S) : Andrew C. Goldstein, et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 11, line 37, in Claim 7, delete "C123" and insert - - C₁₂₃ - -, therefor.

In column 11, line 38, in Claim 7, delete "S2" and insert - - S₂ - -, therefor.

In column 11, line 39, in Claim 7, delete "S12" and insert - - S₁₂ - -, therefor.

In column 11, line 40, in Claim 7, delete "S2" and insert - - S₂ - -, therefor.

In column 11, line 41, in Claim 7, delete "S32" and insert - - S₃₂ - -, therefor.

In column 11, line 42, in Claim 7, delete "S12" and insert - - S₁₂ - -, therefor.

In column 11, line 43, in Claim 7, delete "S32" and insert - - S₃₂ - -, therefor.

In column 11, line 44, in Claim 7, delete "C123" and insert - - C₁₂₃ - -, therefor.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P. O. Box 272400
Fort Collins, Colorado 80527-2400

This collection of information is required by 37 CFR 1.322, and 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patent, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.